Code Complexity:have 3 senario

BigO(wrost case)

Omega(best case)

Theta(average acase)

Complexity level:

O(1)

O(logn)

O(n)

O(nlogn)

O(n^2)

O(2^n)

Array:

Access:O(1)

Add:O(n)

Delete:O(n)

Search:O(n)

Linked List:

Take the reference of another node

If element is not there the reference is null

First node is head node

1. Single Liked List:

It travel to forward direction

Search:O(n)

Add:O(n)

Delete:O(n)

Access:O(n)

1. Doubly linked list

Have extra node to its previous node

Search:O(n)

Add:O(n)

Delete:O(n)